IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): David R. Cheriton

Assignee: Cisco Technology, Inc.

Title: MULTI-FEATURE CLASSIFICATION MEMORY STRUCTURE FOR

ASSOCIATIVE MATCHING

Serial No.: 10/010,918 Filing Date: December 7, 2001

Examiner: Peling Andy Shaw Group Art Unit: 2144

Docket No.: CIS0119US Confirmation 6156

No.

Austin, Texas July 22, 2008

Mail Stop Amendment Commissioner for Patents P. O. Box 1450 Alexandria, VA 22313-1450

RESPONSE TO NON-FINAL OFFICE ACTION

Dear Sir:

This paper is responsive to the Office Action dated January 22, 2008, having a shortened statutory period expiring on April 22, 2008. Accompanying this response is a petition under 37 C.F.R. § 1.136 for a one month extension of time, setting a new time for response to May 22, 2008. Further examination and reconsideration are respectfully requested in view of the amendments and remarks set forth below.

No Amendments to the Specification or the Drawings are presented in this paper.

Amendments to the Claims are reflected in the listing of claims which begins on page 2 of this paper.

Remarks begin on page 15 of this paper.

-1- Application No.: 10/010,918